DERWENT-ACC-NO: 2000-654821

DERWENT-WEEK: 200063

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TITLE: Portable electronic device e.g. pager, automatically
                changes orientation of displayed information so that
                orientation of displayed information is in accordance
                with reference orientation, irrespective of device
                orientation

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PATENT-ASSIGNEE: MOTOROLA INC[MOTI]

PRIORITY-DATA: 1996SG-0011884 (December 20, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SG 72719 A1	May 23, 2000	N/A	014	G06F 001/16

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
SG 72719A1	N/A	1996SG-0011884	December 20, 1996

INT-CL (IPC): G04C003/00, G06F001/16 , G06F003/033 , G09G005/00 ,
H01H035/02

ABSTRACTED-PUB-NO: SG 72719A

BASIC-ABSTRACT:

NOVELTY - A detector (10) such as an **accelerometer** detects the orientation of a
portable device (5). The detected orientation is compared with a reference
orientation by a comparator (20), which provides an output indicating the
difference in **orientations**. A **processor** (30) receives the difference in
orientations and information for display from the input (13), processes the
information using the difference in **orientations** such that the orientation of
the display is in accordance with the reference orientation, irrespective of

the orientation of the portable device.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of
displaying information.

USE - For e.g. notebook computer, personal digital assistant (PDAS), personal organizer, and portable communication equipment such as pager.

ADVANTAGE - Provides automatic change of orientation of displayed information so that orientation of displayed information is in accordance with reference orientation, irrespective of device orientation.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram of a portable
device.

Portable device 5

Detector 10

Input 13

Comparator 20

Processor 30

CHOSEN-DRAWING: Dwg.1/6

TITLE-TERMS: PORTABLE ELECTRONIC DEVICE PAGE AUTOMATIC CHANGE ORIENT DISPLAY
        INFORMATION SO ORIENT DISPLAY INFORMATION ACCORD REFERENCE ORIENT
        IRRESPECTIVE DEVICE ORIENT

DERWENT-CLASS: P85 T01 V03 W05

EPI-CODES: T01-C04D; T01-M06A1; V03-C06C; W05-A05; W05-A05C1;

SECONDARY-ACC-NO:
Non-CPI Secondary Accession Numbers: N2000-485247

detector

input

13

15

10

Comparator
20

Processor
30

25

35

40

5
Portable
device